

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031776.D
 Acq On : 06 May 2019 13:36
 Operator : JC/SP
 Sample : K2595-01 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 08:49:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 07 08:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	722902	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	681204	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	246759	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	301274	49.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.60%
7) Chloroethane-d5	1.68	69	238026	50.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.82%
11) 1,1-Dichloroethene-d2	2.43	63	296	0.02	ug/L	0.16
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.18	46	675148	123.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.16%
24) Chloroform-d	4.64	84	560960	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.26%
26) 1,2-Dichloroethane-d4	5.31	65	407605	56.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.62%
32) Benzene-d6	5.34	84	1078777	51.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.14%
36) 1,2-Dichloropropane-d6	6.32	67	402051	54.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.26%
41) Toluene-d8	7.56	98	854903	46.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.84%
43) trans-1,3-Dichloropropene-	7.85	79	152595	48.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.60%
47) 2-Hexanone-d5	8.31	63	364780	114.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.52%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	511305	51.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	265508	51.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.32%

Target Compounds

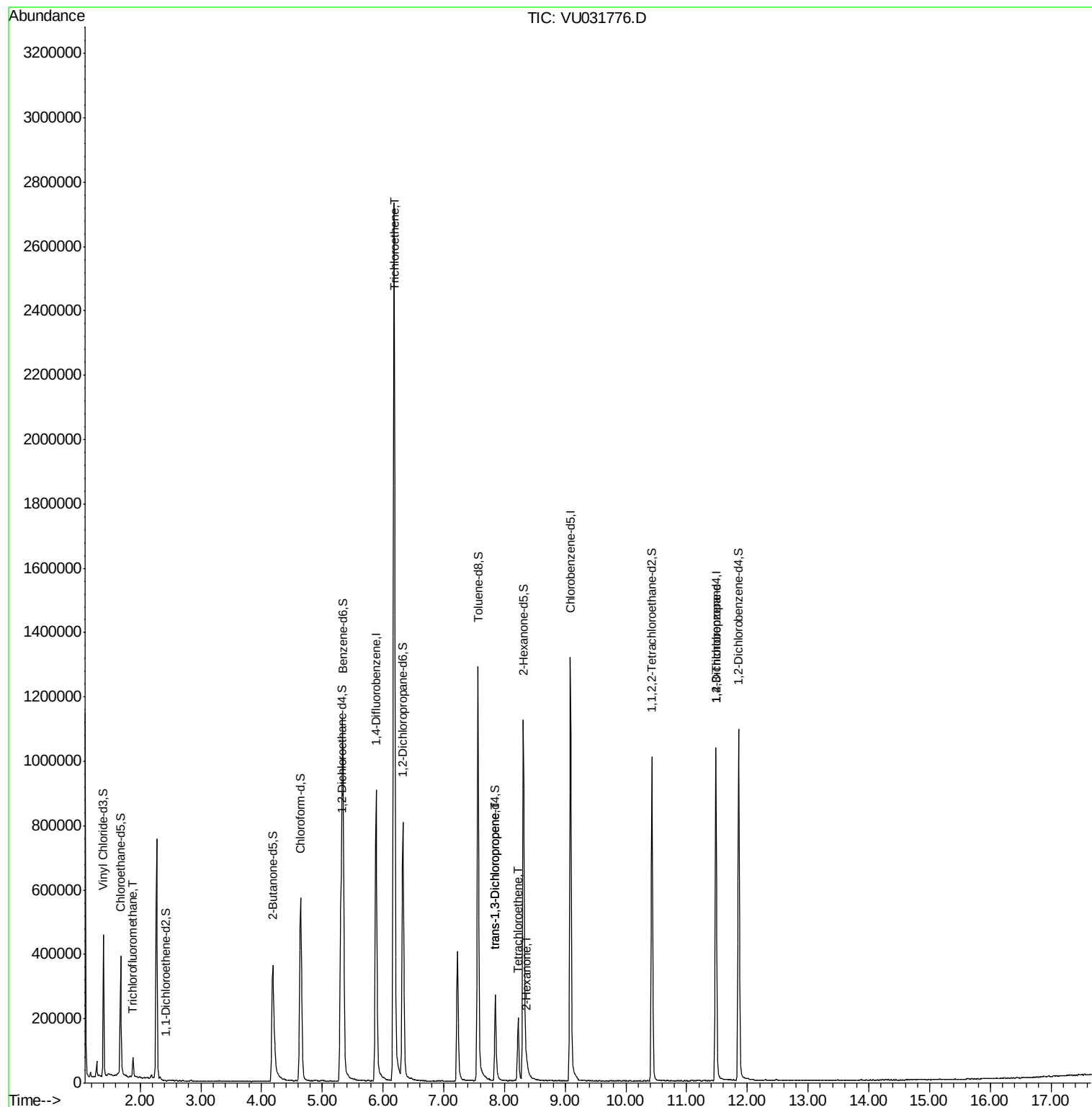
					Ovalue
9) Trichlorofluoromethane	1.88	101	30359	2.962 ug/L	97
34) Trichloroethene	6.18	95	1000331	164.771 ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	7032	0.825 ug/L	100
46) Tetrachloroethene	8.22	164	42516	10.272 ug/L	96
48) 2-Hexanone	8.37	43	35881	4.055 ug/L #	87
59) 1,2,3-Trichloropropane	11.48	75	36867	4.373 ug/L	94

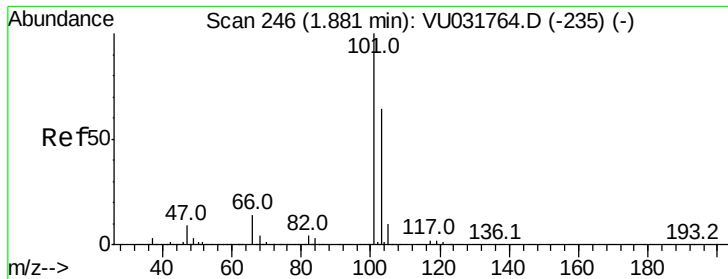
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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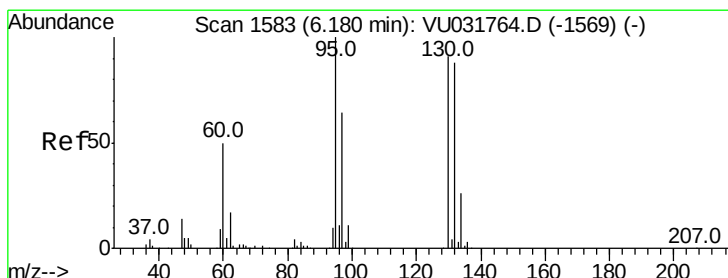
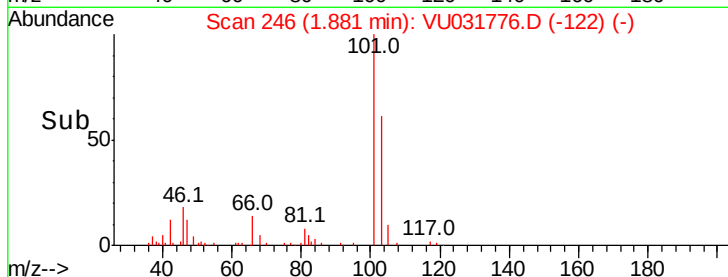
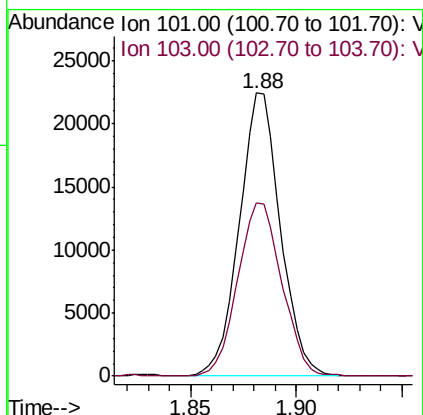
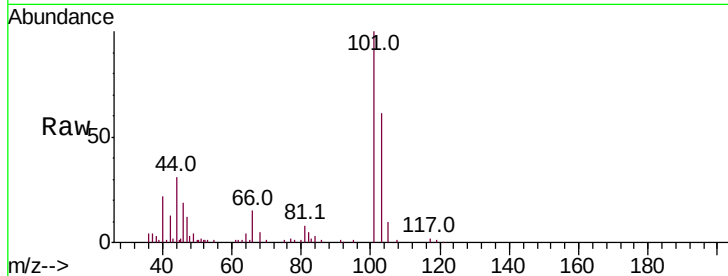


#9

Trichlorofluoromethane
Concen: 2.962 ug/L
RT: 1.88 min Scan# 246
Delta R.T. 0.00 min
Lab File: VU031776.D
Acq: 06 May 2019 13:36

Instrument :
MSVOA_U
ClientSampled :

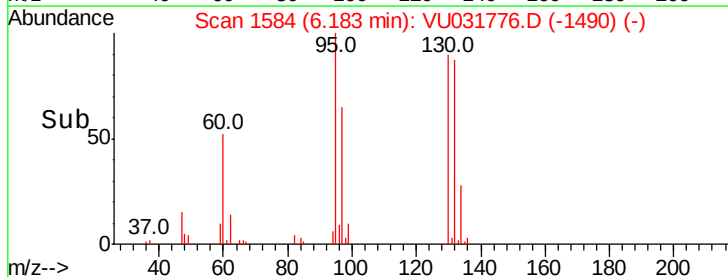
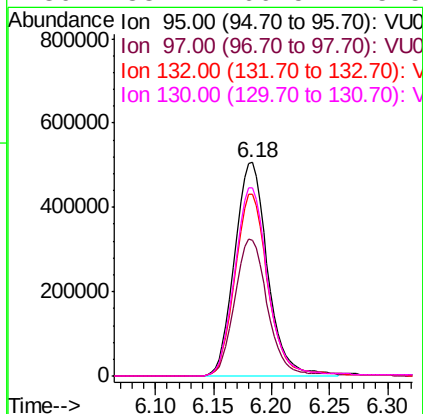
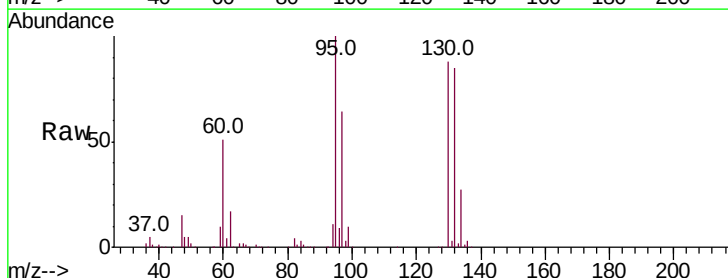
Tot Ion:101 Resp: 30359
Ion Ratio Lower Upper
101 100
103 65.7 50.8 76.2

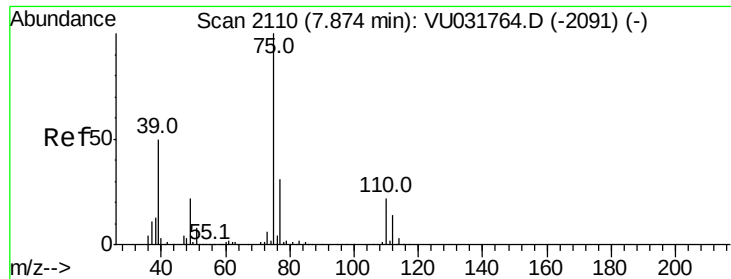


#34

Trichloroethene
Concen: 164.771 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031776.D
Acq: 06 May 2019 13:36

Tgt Ion: 95 Resp: 1000331
Ion Ratio Lower Upper
95 100
97 63.7 44.8 83.2
132 85.3 63.1 117.1
130 88.2 66.5 123.5





#44

trans-1,3-Dichloropropene

Concen: 0.825 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU031776.D

Acq: 06 May 2019 13:36

Instrument :

MSVOA_U

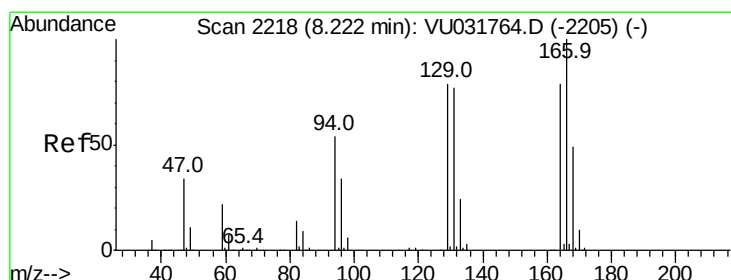
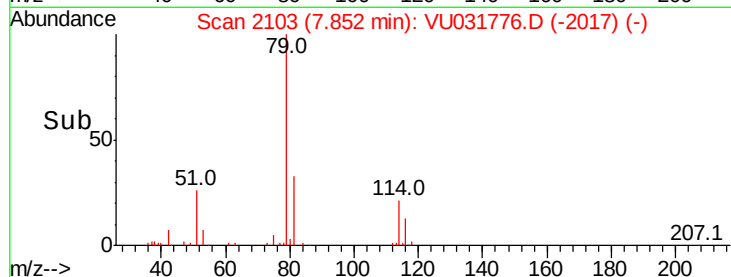
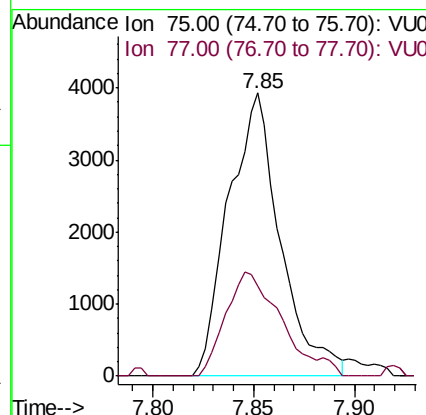
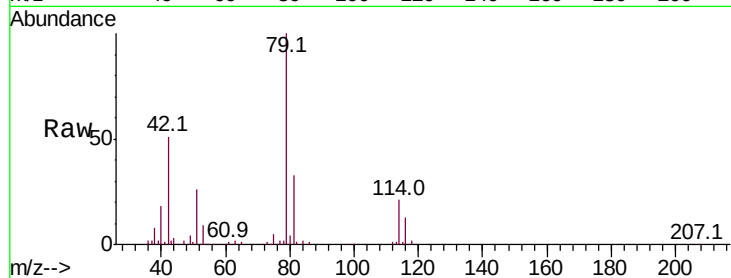
ClientSampleId :

Tot Ion: 75 Resp: 7032

Ion Ratio Lower Upper

75 100

77 31.8 22.1 41.1



#46

Tetrachloroethene

Concen: 10.272 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031776.D

Acq: 06 May 2019 13:36

Tgt Ion: 164 Resp: 42516

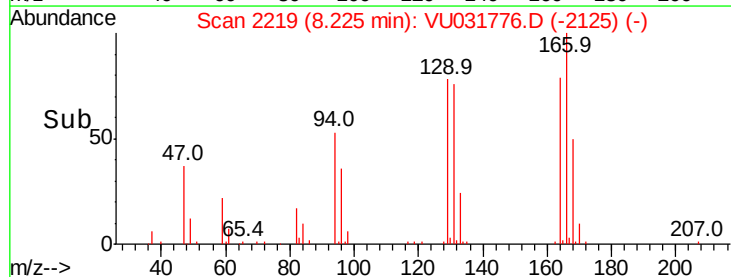
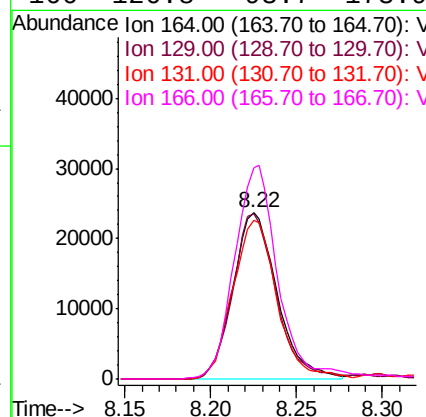
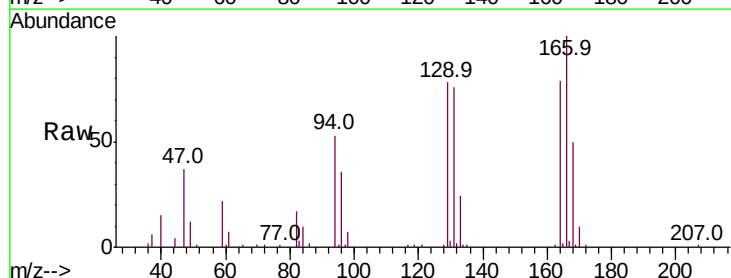
Ion Ratio Lower Upper

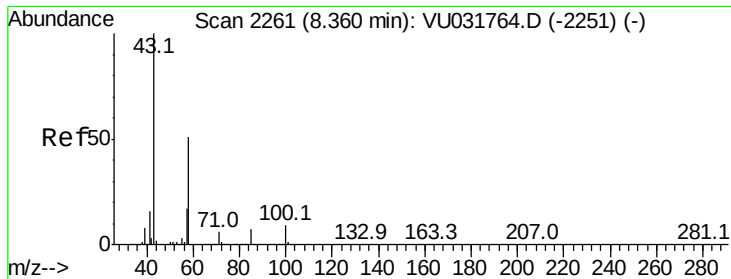
164 100

129 99.3 71.5 132.9

131 95.7 69.0 128.2

166 126.8 93.7 173.9





#48

2-Hexanone

Concen: 4.055 ug/L

RT: 8.37 min Scan# 2264

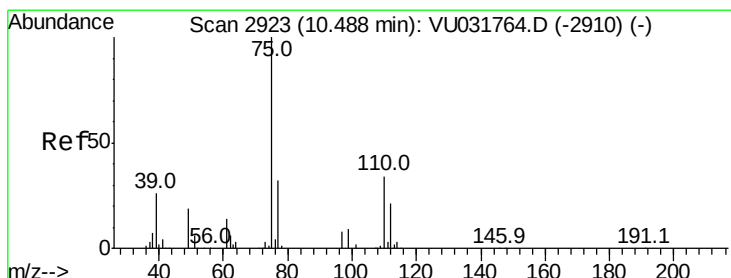
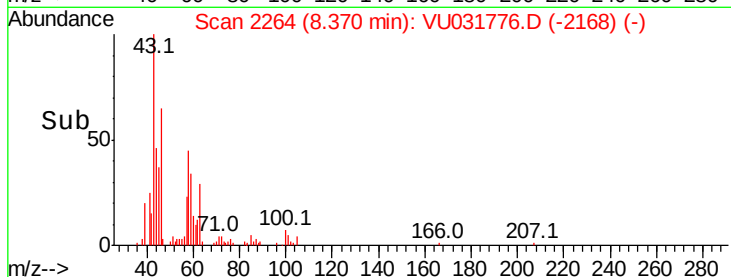
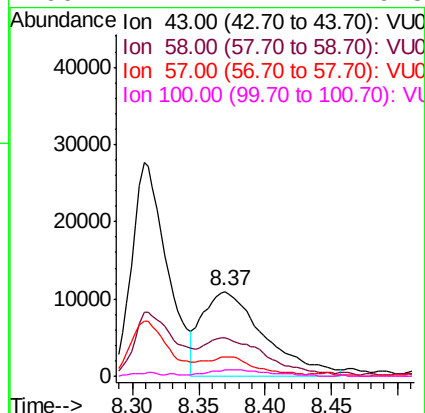
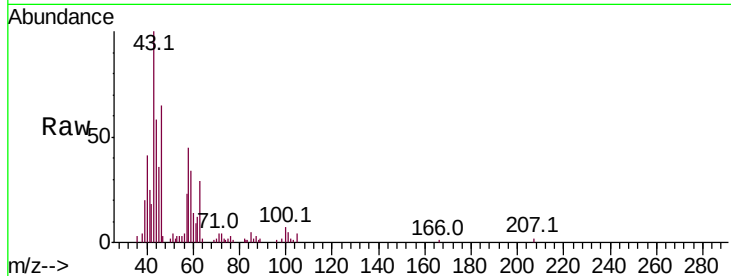
Delta R.T. 0.01 min

Lab File: VU031776.D

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Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	43	Resp:	35881
Ion	Ratio	Lower	Upper
43	100		
58	41.5	42.1	63.1#
57	15.2	14.6	22.0
100	4.7	7.2	10.8#



#59

1,2,3-Trichloropropane

Concen: 4.373 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031776.D

Acq: 06 May 2019 13:36

Tgt Ion:	75	Resp:	36867
Ion	Ratio	Lower	Upper
75	100		
77	36.0	25.9	38.9

